REMARKS

The Examiner is thanked for the courtesy extended to the undersigned during a telephone interview which occurred with the undersigned on March 25, 2008.

During that interview, the patentability of the claims as amended in the Amendment of February 12, 2008 was discussed. No agreement was reached with the Examiner pertaining to the patentability of the claims as set forth in the aforementioned February 12, 2008 Amendment.

However, the undersigned proposed to the Examiner during that interview the amending of claim 21 to recite a step of using the wettability index to analyze the porous rock sample. The Examiner confirmed that, in her opinion, this proposal would place the application in condition for allowance. She indicated if such an amendment was submitted, that she would prepare a summary of the aforementioned interview.

It is noted that the Advisory Action of March 7, 2008 reports that the amendments to the claims in the February 12, 2008 Amendment overcome the rejections of the claims on grounds of anticipation and enablement. Accordingly, it is submitted that the present amendments place the application in condition for allowance.

Accordingly, early allowance thereof is respectfully requested.

To the extent necessary, Applicants petition for an extension of time under 37 C.F.R. §1.136. Please charge any shortage in fees due in connection with the

filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (612.44794X00) and please credit any excess fees to such Deposit Account.

Respectfully submitted,

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